

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/07284

Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Claims 1-13, 24-27 relate to an FCD system and a device for judging whether or not to use the running path data of a vehicle for analyzing the traffic conditions of the corresponding road.

Claims 14-23, 28-30 relate to an FCD system and an FCD collecting device for using velocity data contained in running path data to complement and specify a velocity data measuring point within a passed road section.

Claims 31-34 relate to an on-vehicle machine provided with an encoding means for encoding running path data.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/07284

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G08G1/13, G08G1/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ G08G1/00-1/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2000-11290 A (Hitachi, Ltd.), 14 January, 2000 (14.01.00), Column 6, line 39 to column 7, line 2; Fig. 1 (Family: none)	1-8, 24-26 9-13, 27
Y A	JP 58-37796 A (Omron Tateisi Electronics Co.), 05 March, 1983 (05.03.83), Page 1, lower right column, lines 3 to 6; page 4, lower right column, line 7 to page 5, upper left column, line 10; Fig. 6 (Family: none)	1-8, 24-26 9-13, 27
X Y	JP 7-262487 A (Hitachi, Ltd.), 13 October, 1995 (13.10.95), Column 2, lines 35 to 49; Figs. 1 to 5 (Family: none)	12, 15, 28, 29 21, 30

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not
considered to be of particular relevance
"E" earlier document but published on or after the international filing
date
"L" document which may throw doubts on priority claim(s) or which is
cited to establish the publication date of another citation or other
special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other
means
"P" document published prior to the international filing date but later
than the priority date claimed

"T" later document published after the international filing date or
priority date and not in conflict with the application but cited to
understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be
considered novel or cannot be considered to involve an inventive
step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be
considered to involve an inventive step when the document is
combined with one or more other such documents, such
combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
14 August, 2003 (14.08.03)

Date of mailing of the international search report
26 August, 2003 (26.08.03)

Name and mailing address of the ISA/

Authorized officer

Best Available Copy

INTERNATIONAL SEARCH REPORT

PCT/JP03/07284

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 56-31199 A (Nippondenso Co., Ltd.), 28 March, 1981 (28.03.81), Full text; Figs. 1 to 2 (Family: none)	31 21, 30
A	JP 8-329381 A (Matsushita Electric Industrial Co., Ltd.), 13 December, 1996 (13.12.96), Full text; Figs. 1 to 11 (Family: none)	1-34
A	JP 9-115087 A (Mitsubishi Electric Corp.), 02 May, 1997 (02.05.97), Full text; Figs. 1 to 15 (Family: none)	1-34
A	JP 2000-194984 A (Nippon Telegraph And Telephone Corp.), 14 July, 2000 (14.07.00), Full text; Figs. 1 to 10 (Family: none)	1-34
A	JP 2000-255978 A (Hitachi, Ltd.), 22 September, 2000 (22.09.00), Full text; Figs. 1 to 7 (Family: none)	1-34